

Converting Colors

`RYB(162, 190, 177)`

Have a look what the booklet for
RYB(162, 190, 177) contains.

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Color

R_YB(162, 190, 177)

Conversions

Conversions Part 1

Format	Color
Hex	AFBEA2
RGB	175, 190, 162
RGB Percent	69%, 75%, 64%
CMY	0.3137, 0.2549, 0.3647
CMYK	0.08, 0.00, 0.15, 0.25
HSL	92°, 18%, 69%
HSV	92°, 15%, 75%
XYZ	42.6142, 48.5495, 41.3074
YIQ	182.3230, 0.0480, -11.8880

Conversions

Conversions Part 2

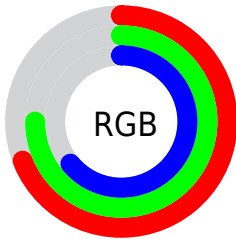
Format	Color
RYB	162, 190, 177
Decimal	11517602
CIELab	75.17, -10.29, 12.41
CIELCh	75, 16.118, 129.671
Yxy	48.5495, 0.3217, 0.3665
Android (android.graphics.Color)	4289707682 (0xFFAFBEA2)
YUV	182.3230, -10.0192, -6.4223
Hunter-Lab	69.6775, -12.7663, 13.6249

Details

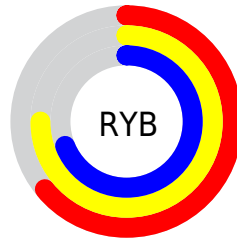
The RYB color **162, 190, 177** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **177, 162, 190**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **217, 246, 232**, and **110, 137, 125** is the 20% darker color. If you saturate the color by 10%, you get **143, 190, 168**, and if you desaturate by 10%, it is **181, 190, 186**.

Distribution



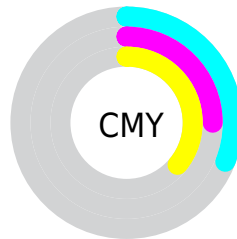
- Red (69%)
- Green (75%)
- Blue (64%)



- Red (64%)
- Yellow (75%)
- Blue (69%)



- Cyan (8%)
- Magenta (0%)
- Yellow (15%)
- Black (25%)



- Cyan (31%)
- Magenta (25%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 190, 177 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 162, 190, 177 by changing the saturation by 10% instead.


 162, 190, 177


255, 255, 255


 217, 246, 232

 245, 255, 245


 162, 190, 177

 136, 163, 151

 110, 137, 125

 86, 111, 100


 63, 87, 76

 41, 64, 54

 20, 42, 33


 0, 22, 20


 0, 0, 0

 162, 190, 177

 162, 190, 177

 143, 190, 168


 181, 190, 186

 124, 190, 159


 195, 190, 200

 105, 190, 151


 206, 190, 219

 86, 190, 142


 216, 190, 238

 67, 190, 133


 226, 190, 255

 48, 190, 124

 236, 190, 255

 29, 190, 115

 246, 190, 255

 10, 190, 106

 255, 190, 255

 0, 190, 102

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



163, 192, 156



162, 190, 177



159, 183, 193

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



162, 190, 177



157, 177, 212



216, 175, 181

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



162, 190, 177



177, 162, 190

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



209, 176, 196



162, 190, 177



175, 183, 214

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



162, 190, 177



147, 172, 203



194, 180, 208



215, 180, 167

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



162, 190, 177



151, 175, 194



194, 180, 208



215, 175, 186

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



162, 190, 177



237, 247, 242



186, 190, 162



119, 125, 122



252, 252, 252



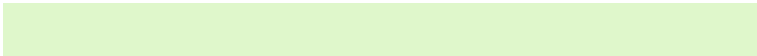
125, 125, 125

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



162, 190, 177



203, 247, 227



162, 189, 190



85, 94, 90



0, 158, 85



0, 31, 17

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



177, 162, 190



227, 203, 247



190, 162, 189



90, 85, 94



85, 0, 158



16, 0, 31

Previews

White Background



This preview shows how the RYB color 162, 190, 177 looks on a white background.

Color Contrast Check

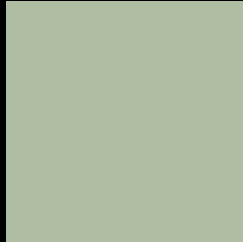
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 162, 190, 177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

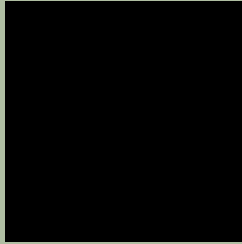
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

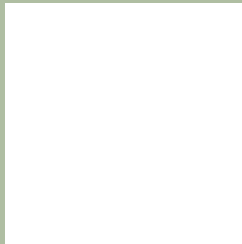
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 162, 190, 177 Background



This preview shows how black text looks on a background with the RYB color 162, 190, 177.



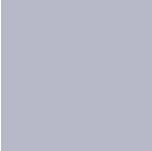
This preview shows how white text looks on a background with the RYB color 162, 190, 177.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

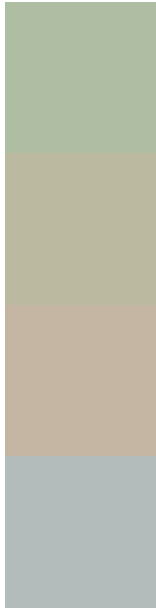
Dichromacy





Tritanopia
181, 184, 199

Trichromacy



Original Color
162, 190, 177

Protanomaly
161, 187, 160

Deuteranomaly
190, 197, 163

Tritanomaly
179, 183, 187

Monochromacy



Original Color
162, 190, 177

Achromatopsia
182, 182, 182

Achromatomaly
175, 185, 181

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 190, 177 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(175, 190, 162) looks like.

```
.text, #text, p{  
    color:rgb(175, 190, 162)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(175, 190, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 190, 162) }
```

Border

The CSS property to change the border of an element to RYB 162, 190, 177 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 190, 162) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(175, 190, 162) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(175, 190, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 190, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 190, 162);  
box-shadow:4px 4px 4px 4px rgb(175, 190,  
162) }
```

Background

The CSS property to change the background color of an element to RYB 162, 190, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 190, 162) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(175,  
190, 162) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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